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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Mikio OKAMOTO

Application No.: 10/016,667  
(Division of Application No. 09/368,892)

Filed: October 26, 2001

For: OPTICAL GLASS FOR POLARIZING  
OPTICAL SYSTEM, PRODUCTION  
PROCESS THEREFOR AND  
POLARIZING BEAM SPLITTER

Group Art Unit: (to be assigned)

Examiner: (to be assigned)

Attorney Docket No.: 7954-0157

New York, NY  
January 3, 2002

**SECOND PRELIMINARY AMENDMENT**

Hon. Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to the examination of the subject application, please enter the following amendments and remarks:

**In The Specification:**

Page 34, lines 4-5, please replace equations (1) and (2) with the following:

$$-\lambda_1, \theta_1; nH_1 / \cos\theta H_1 = nL_1 / \cos\theta L_1 \quad (1)--$$

$$-\lambda_2, \theta_2; nH_2 / \cos\theta H_2 = nL_2 / \cos\theta L_2 \quad (2)--$$

**In The Claims:**

Please cancel claims 4 to 6 without prejudice and add new claims 7 to 16 as follows:

--7. (New) A polarizing beam splitter comprising:  
a light-transmissive substrate; and  
a dielectric multilayer film disposed on the substrate, the dielectric multilayer film comprising, at least, a first dielectric multilayer film and a second dielectric multilayer film having two design reference wavelengths  $\lambda_1$  and  $\lambda_2$ , respectively, which are different from each other, each of the first and second dielectric multilayer films comprising: